

~~S-E-C-R-E-T~~

SECURITY INFORMATION

RESURVEY OF ORR 1953 RESEARCH PROGRAM

PROJECT CONTROL COMMITTEE:

DIVISION: Materials
BRANCH : Chemicals
Date : 7 April 1953

Also present:

Comment:

Discussion brought out problems unique in this Branch because of the nature and diversity of chemicals field. Capabilities of Branch have been overestimated in original 1953 program, due to recruitment failures. It was agreed that, after further consideration of staff limitations, the program would be worked out by Lockhart with the five section chiefs. This program was agreed upon after these conferences. Major problem, which remained unresolved after section conferences, is the consolidation of major projects. Some projects listed as "deferred" will be undertaken prior to 1-54, but will not be completed before that date.

Statistics:

Program adjustments have been based on hours utilized and estimated capabilities, assuming 47 percent of total available time is applied to the research program, as follows:

Hours utilized on projects not completed as of 1 April 1953 .. 2,788
second quarter 1953 3,179
third quarter 1953 3,668
fourth quarter 1953 4,157
first quarter 1954 4,157

Total estimated capability 17,949

~~S-E-C-R-E-T~~

~~S-E-C-R-E-T~~

M/C (contd.)

Adjusted Program:

Project No.	Title	Hours	Quarter Due	Comment
<u>Branch Projects</u>				
22.1	Fixed Nitrogen Industry in SovBloc			
22.1.1	Mineral Fertilizer in the USSR	350	3-53	
22.1.3	Poland	320	4-53	
22.1.4	Czechoslovakia	400	3-53	
22.1.5	East Germany	450	4-53	
22.1.6	Balkans	250	4-53	
22.1.7	China	100	4-53	
22.2	Coal Tar Chemicals in Satellites			
22.2.2	East Germany	520	2-53	
22.2.3	Balkans	150	2-53	
22.2.4	China	50	2-53	
22.3	Sulfuric Acid Industry in SovBloc			
22.3.1	USSR	500	2-53	
22.3.2	Czechoslovakia	200	1-54	
22.3.3	East Germany	(360)	Defer	
22.3.4	Poland	230	1-54	
22.3.5	Balkans	(290)	Defer	
22.3.6	China	(50)	Defer	
22.4	Chlorine and Alkali Industries in SovBloc			
22.4.1	Calcined and Caustic Soda in USSR	350	3-53	
22.4.2	East Germany	(400)	Defer	
22.4.3	Czechoslovakia	(270)	Defer	
22.4.4	Poland	(250)	Defer	
22.4.5	Balkans	(220)	Defer	
22.4.6	China	(40)	Defer	
22.5	Methanol and Formaldehyde in SovBloc			
22.5.1	USSR	350	4-53	
22.5.2	East Germany	(340)	Defer	
22.5.3	Czechoslovakia	(200)	Defer	
22.5.4	Poland	(200)	Defer	
22.5.5	Balkans	(200)	Defer	
22.5.6	China	(160)	Defer	

~~S-E-C-R-E-T~~

S-E-C-R-E-T

M/C (contd.)

Project No.	Title	Hours	Quarter Due	Comment
<u>Branch Projects (contd.)</u>				
22.6	Ethyl Alcohol Industry in SovBloc			
22.6.2	East Germany	(210)	Defer	
22.6.3	Czechoslovakia	(200)	Defer	
22.6.4	Poland	(230)	Defer	
22.6.5	Balkans	(200)	Defer	
22.6.6	China	(160)	Defer	
22.7	Calcium Carbide and Acetylene in Satellites			
22.7.1	East Germany	(400)	Defer	
22.7.2	Czechoslovakia	(300)	Defer	
22.7.3	Poland	(300)	Defer	
22.7.4	Balkans	(150)	Defer	
22.7.5	China	(100)	Defer	
22.8	Fluorine Industry in SovBloc			
22.8.1	USSR	300	1-54	
22.8.2	Satellites	(700)	Defer	
22.9	Glycerine Industry in SovBloc			
22.9.1	USSR	300	1-54	
22.9.2	Satellites	(750)	Defer	
22.10	Cellulose Industry in USSR	(400)	Defer	
22.11	Tetraethyl Lead and Metallic Sodium in USSR	400	4-53	
22.12	Metallic Sodium in SovBloc	(200)		Cancel - combined with 22.11
22.13	Hydrogen Peroxide and Hydrazine in USSR	300	1-54	
22.14	Rubber Industry in SovBloc			
22.14.1	Rubber Situation in the Satellites	400	4-53	
22.14.2	Motor Vehicle Tire Production in the Satellites	400	3-53	
22.14.3	Rayon Tire Cord in SovBloc	320	4-53	
22.14.4	Carbon Black in SovBloc	600	1-54	
22.14.5	Bead Wire in SovBloc	300	4-53	
22.15	Plastics Industry in the SovBloc	(1,600)	Defer	

S-E-C-R-E-T

~~S-E-C-R-E-T~~

M/C (contd.)

Project No.	Title	Hours	Quarter Due	Comment
<u>Branch Projects (contd.)</u>				
22.16	Special Military Chemicals in SovBloc			
22.16.1	Explosives in SovBloc	1,000	2-53	
22.16.3	Biological Warfare Agents in SovBloc	650	3-53	
22.16.4	Antibiotics in SovBloc	650	4-53	
22.16.5	Pharmaceuticals in SovBloc	(750)	Defer	
22.17	International Supply Studies for SovBloc			
22.17.1	Sulfur	430	3-53	
22.17.2	Photographic Gelatin	100	2-53	
22.17.3	Iodine	300	4-53	
22.18	Chemical Equipment in SovBloc	1,800	1-54	
22.20	Petrochemicals in SovBloc	250	2-53	
22.21	Planned East German Chemical Production, 1951-55	200	3-53	
Total hours, Branch Projects		<u>12,970</u>		
<u>Office-Wide Projects</u>				
0.1	Strategic Stockpiling in SovBloc	200	3-53	
0.2	Economy of East Germany	200	3-53	
0.3	Economy of Communist China	150	3-53	
0.4	Regional Distribution of Economic Activity in SovBloc	50	3-53	
0.5	Volume and Character of Trans-Siberian Railway Traffic	50	2-53	
0.6	Structural Analysis of Soviet Economy	1,000	4-53	
Total hours, Office-Wide Projects		<u>1,650</u>		
Grand TOTAL, hours		<u>14,620</u>		

~~S-E-C-R-E-T~~